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**U.S. PATENT AND TRADEMARK OFFICE  
FACSIMILE TRANSMISSION COVER SHEET**

<b>To:</b> In re the Application of  Yoshiaki OKUI  Application No.: 10/784,193  Filed: February 24, 2004  <b>For:</b> UNINTERRUPTIBLE POWER SUPPLY DEVICE WITH CIRCUIT FOR DEGRADATION JUDGMENT OF STORAGE BATTERY	<b>INFORMAL PROPOSAL</b>  Group Art Unit: 2838  Docket No.: 118827
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**Attn:** Examiner Berhanu**Facsimile:** 571-273-8430**From:** Robert Bachner**Prepared By:** jls**Number of Pages Sent (Including cover sheet):** 3

<b>Comments:</b>
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**Sent by:** AES

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### Applicant Initiated Interview Request Form

Application No.: 10/784,193 First Named Applicant: Yoshiaki OKUI  
 Examiner: S. BERHANU Art Unit: 2838 Status of Application: Pending

**Tentative Participants:**

(1) Examiner Berhanu (2) Robert G. Bachner  
 (3) \_\_\_\_\_ (4) \_\_\_\_\_

Proposed Date of Interview: 6/4/09 Proposed Time: 9 AM (AM/PM)

**Type of Interview Requested:**

(1) ☐ Telephonic (2) ☒ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☐ NO

If yes, provide brief description: \_\_\_\_\_

### Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Applied Reference(s)	Discussed	Agreed	Not Agreed
(1) <u>§103(a)</u>	<u>2, 14-17 &amp; 19</u>	<u>Young, Ijntema, Murase</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

**Brief Description of Arguments to be Presented:**

Young when modified in view of Ijntema and further in view of Murase fails to disclose or render obvious the combination of features recited in Claim 2 in the attached Amendment Appendix.

An interview was conducted on the above-identified application on \_\_\_\_\_

**NOTE:**

This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of substance of this interview (37 CFR 1.133(b)) as soon as possible.

\_\_\_\_\_  
 (Applicant/Applicant's Representative Signature)

\_\_\_\_\_  
 (Examiner/SPE Signature)

## Claim 2 Amendment Appendix

Re: U.S. Patent Application No. 10/784,193  
Inventor: Yoshiaki OKUI  
Our Ref.: 118827  
Your Ref.: SAN03-01US

2. (Currently Amended) An uninterruptible power supply device for supplying power to a load and for floatingly charging a storage battery from a converter connecting to an alternating current power source, and having a degradation judgment circuit for the storage battery, the degradation judgment circuit comprising:

a control circuit for controlling an output voltage of the converter to be lower than a steady state voltage, so as to cause the storage battery to discharge at a more limited current than the rated current of the storage battery, and so as to cause the converter to supply a part of a load current to the load;

a judgment circuit that judges ~~the~~ degradation of the storage battery based on a charging time of the storage battery from a time when the control circuit controls the output voltage of the converter to return to the steady state voltage to a time when the battery is fully charged, the judgment circuit using the charging time to determine whether the storage battery is degraded or normal, a degraded storage battery having a maximum storage capacity that is less than a maximum storage capacity of a new storage battery of the same kind thereof, and

a timer for measuring the ~~charge~~ charging time of the storage battery from ~~a~~ the time when the control circuit controls the output voltage of the converter to return to the steady state voltage to ~~a~~ the time when the battery is fully charged.